

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, Nov. 28 to Dec. 13, 1926

Arizona (Grand Canyon)-
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(Sun)
Nov. 28, 1926. at Berkeley,
Calif.

Made trip with Geo. Tonkin
into Sacto Valley to get an idea of
duck situation, but heavy rains
prevented us from hearing much.
Visited Huffst's Bushman's Preserve
near Valley and learned that
since the rain come most of
the ducks were reported to have
left - especially the spring usually
the most abundant species.
Very light kills were reported
and in most ^{places} ~~cases~~ no hunting
was attempted.

We saw one car bringing in
a few Canada geese.

Nov. 29. ^(Mon.) Berkeley to
Dinuba. Left Berkeley 12:25 P.M.;
arrived Dinuba 8:14 P.M.

Nov. 30. ^(Tue.) On ~~of~~ annual
leave until 8:14 P.M. when
official travel was resumed.

Dec. 1 (Wed.). Arrived Los
Angeles 7:40 A.M. left at 9:05 A.M.
and arrived Phoenix about 11:38 P.M.

Dec. 2 (Thurs.) Phoenix, ^{Ariz.}
Spent part of day at office and
in afternoon saw Governor and
state game warden.

Dec. 3. (Fri.) Phoenix, ^{Ariz.}
Trip made with state game
warden to Mesa, where inspection

Dec 3 con.

was made of buffaloes - 4 young
from House Rock Valley herd.
Also of 6 mule deer fawns from
Kaibab, and white-tailed
deer from Panawa - also deer
from elsewhere. A buck about
3 years old, said to be from
Panawa is in a pen with a
mule deer doe. ~~on~~ Hair scraped
from the flanks of the doe
indicates that the buck has
been attempting to copulate
with her. The Panawa buck
~~on~~ shows by his size that
the white-tail of that country
is a small species.

Brockton. A pair of this species
from Panawa was seen at a
ranch not far from Mexa. They

Dec. 3 con.

are said to be about 3 years old. They look quite smooth, having recently shed their summer coats. Reddish hairs appear, especially along the posterior edges of the hairs. In the main however they are quite dark-blackish on the face and slaty or dark gray over much of the body.

Game at Governor's place. We visited the Governor's place, near Phoenix where game of various kinds are being bred. These include especially wild turkeys, Gambel quail, ring-neck, golden and silver pheasants, several Merriam's quail, and some chachalacas.

Dec. 4 (Sat.), Phoenix,
Ariz.

Spent early morning with Mr.
Bumsted and remainder of day
with Fitchrich, Horn and Foster
at office.

Dec. 5 (Sun), Phoenix,
Ariz. No official work.

Dec. 6 (Mon) Phoenix

Left Phoenix 6:10 AM.

Looked at maps of region up
river & across of getting up
along Blue (Gorn) north of
afternoon, and report of them
on fork of Santa Maria a branch
of Bill Williams River east &
a little north of Grand Valley.
Another look at map from
Tortilla Flat about 40 mi. N.
& E. of Phoenix.

Dec. 6 con.

Styr. Ardea, slides seen not infrequently. Signs on Salt River from 30 miles above down and up Black River 40 or 50 miles and a short distance up White River.

Jaguar One killed near Lisbon ~~about 20 miles (S. of)~~ by Jack Funk big ♂ probably the first seen on Rose Peak. ~~It~~ 3 years ago this winter. Another killed in Rose Pk. about 12 years ago according to Murphy. One just killed west of Nogales in Arizona by poisoning. M. G. Gassman killed one south of Superior about 18 years ago. W. F. Chittenden has killed about 3 in Pincon Hills. Gassman saw a red tailed one in Santa Catalina

Dec 6 con.
Mts. 2 years ago.

Dec. 7 Grand Canyon.
Arrived G.C. 8.20 A.M.; was met by
Asst. Supt. Bolton who arranged for me to
go down to Hermit Creek at once.
Arrived Hermit Camp 4 P.M. Day rainy.

Dec. 8. Hermit Camp, Ariz.
Raining all day and unable to
do much. Some pictures secured of
antelope in morning.

Antelope. Watched feeding today
on cat claw (Acacia greggii) and
Coloogyne ramosissima. C. F. Welsh
attended to antelope and furnished
considerable information. Bucks
fought a great deal during rutting
season from about Sept. 15 to Oct.
15. Horns shed about a month after

Dec. 8 am.

end of rutting season. Shed horns
of fairly large size with strongly
incurred points. New horns next
five or ~~to~~ six inches long with
sharp nearly straight points. ~~Does~~
~~have~~ One doe has horns about
2 inches long that ~~appear~~ are
loose, but have not been shed.
Other does have very short
horns that show no signs of being
shed. Three fawns are now
with the little band. Born this
year - possibly other fawns were
born. Band now numbers 10 - 3 self
and three yg. does and four old
bucks. All are in good condition
except one of the bucks that
suffered for a long time through
inflammation of an eye lost probably
in combat.

Dec 9th (Thurs), Hermit
Camp.

Weather had cleared this morning
and some pictures were attempted
but movie camera stuck after
about 2 rolls had been exposed.

Forage. Grass on little bunches ^{near} ~~the~~
Hermit Camp seems to me to have
improved since last visit
although the summer has been
very "dry". Not appreciably
affected by antelope which appear
to favor only certain species.
Antelope ~~to~~ observed, browsing a
number of shrubs ~~and some at~~
least's claw, cliff rose in canyons,
leucosyne on plateau, Ephedra. Said
by Walsh to browse sparingly
many things. They ^{also} eat loose pappus,
rag and even munch coal later
from bags. Now being fed about 2 gal

Dec 9 con.

of rolled barley night and morning - a sack of grain lasts about a week. While they come readily to the feed and look expectantly for it they do not show great eagerness for it. After a few mouthfuls one will wander off and stand for awhile, perhaps returning later for more feed.

Returned to Grand Canyon in afternoon and left at 8 P.M. for Washington.

Dec 10 - 12

En route Grand Canyon to Washington.

Dec 13

Arrived Washington, D.C. 9 A.M.

N E. Goldman

321 - West Jefferson St.

Phoenix

Look up the 9 bulls of

Taggart sent in by Messrs. and
Messrs.
